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FIG. 1(I)

10	20	30	40	50	60
MGFTSGPSLL	LLLLTHLPLA	LGSPMYSIT	PNILALESEE	TMVLEAHDAQ	SDVPVTTVH
70	80	90	100	110	120
DFPGKKLVLIS	SEKTVLIFAT	NHMGNVTTI	PANREFKSEK	GRNKEVTVQA	TFGTQVVEKV
130	140	150	160	170	180
VLVSVLGSYI	FIOTDKTIYT	PGSTVLYRIF	TVNHKLLFVG	RTVMVNIEP	EGIPVKQDSL
190	200	210	220	230	240
SSONQLGVIF	LSDIPELVN	MGOWKIRAYY	ENSPQQVFST	EFEVKEYVLP	SFEVIVVEPT
250	260	270	280	290	300
KFYYIYNEKG	LEVTTARFL	YGKKVEGTAF	VIFSIQDGEC	RISLFESLKR	IPSEEDGSGEV
310	320	330	340	350	360
VLSRKVLLIS	WONPRAESLV	GKELIYVSAV	ILH3GSDMVG	AERSGSIFTV	SPYQIHFTRT
370	380	390	400	410	420
PKYTFKFGMPF	SLMVFTNPD	GSPAYRVFVA	VOCETTVGSI	TGSDGVAKLS	INTHPSOKPL
430	440	450	460	470	480
SITVRAKXCE	LSERAEQATRT	MOALPYSTVG	NSNNYHLISV	IRTELRPGET	INVNTILLRMD
490	500	510	520	530	540
RAHEAKIRYY	TYLIMNKGR	LKAGROVREP	GODLVVLPIS	ITDIFIPSFR	LVAYYTLIGA
550	560	570	580	590	600
SGOREVVADS	VAVDVVKDSCV	GSIVVVKSGQS	EDROPVFGQC	MTLKIEGDHG	ARVVLVAVDK
610	620	630	640	650	660
GTVVNLKVKV	LTSKIKWDVV	EKADISCTFG	SGKDYAGVTS	CAGLTFESSS	CCCTAORAEI
670	680	690	700	710	720
CCPGFAARRR	RSVCLTEKRM	DKVKGKYPREL	AKCCEDGMRE	NPMRFSCORR	TRFISLGEAC
730	740	750	760	770	780
KKVFIIDCVY	ITELRROHAR	ASHLGLARSH	LDEDIAEEN	IVSRSEFFES	WLWNVEDLKE
790	800	810	820	830	840
PPKNGISTKL	MNIFLKESIT	TWEILAVSMS	DKKGCIVYADF	FEVTVMQDF	IDLRLPYSVV
850	860	870	880	890	900
RNECWEIRAV	LYNNYRNOEL	KVRVLELLHNP	AFCSLATTKR	RHOCTITIFF	YSSLSVPYVI
910	920	930	940	950	960
VPLKTSLOEV	EVKAAYVHMF	ISDGVRKSLK	VVFEGIRMNK	TVAVRTLDFE	RISREGVOKE
970	980	990	1000	1010	1020
STPPACLEDI	WPDTESETRI	LLOGTFVAOM	TEADAVDAERL	MHLIVTFSSC	SEONMIGMTP
1030	1040	1050	1060	1070	1080
TVIAVHYLSE	TEOWEMTGSIE	KROGALELIK	KGYTOOLAFR	QFSSAFAAFV	KRAPSTWLTA
1090	1100	1110	1120	1130	1140
YVVKNTSLAV	NLIADSOVL	CGAVKWLIL	KQKFDGTVQE	DAPVTHOEMI	GGLRNNNEKD
1150	1160	1170	1180	1190	1200
MALTAFVLLS	LOEAMICEE	OVNSLPGSIT	KAGDFLENNY	MULRSYTTA	IAGYALAOHG

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1210 1220 1230 1240 1250 1260
RLKGFLLNKF LTTAKDKNRW EDPGKQLYNNV EATESYALLAL LCLKDFFVFP PVVJRWLNEQR
1270 1280 1290 1300 1310 1320
YYGGGGYGSTG ATFMVFOALA QYOKDAPDHQ ELNLDVSICL PSRSKITHR IHWESASILLR
1330 1340 1350 1360 1370 1380
SEETKENEGF TVTAEGKGCG TLSVVTMYHA KAKDGLTFRK FDLKVTIKFA PETEXRPQDA
1390 1400 1410 1420 1430 1440
KNTMILEIST RYRGSDODATM SILDISMMTG FAFDTDDLYC LANGVDRYIS KYELDKAFSD
1450 1460 1470 1480 1490 1500
RNTLIIYLDK VSHSEDDCLX FKVHQYFNVE LIOPGAVKVV AYYNLEZSCT RFYHPEKEDG
1510 1520 1530 1540 1550 1560
KLNKLCRDEL CRCAEENCTI QKSDDKVTL ERLDKACEPG VDYVYKTRLV KVCLSNDFDE
1570 1580 1590 1600 1610 1620
YIMAIIEGTIX SGSDEVOVGCQ CRTFISPIKC REALKLEEKK HYLMMWGLSSD FWGEZKPNLSY
1630 1640 1650 1660
IISKXCTWVEH WPEEDECQDE ENQKQCQCLG AFTESMVVFG CPN

FIG. 1(II)

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FIG. 2(I)

ccccccctt cttttttttt gttttttttt ccccccaccc tcccccggcc
 12 20 30 40 50 60
 atggggccccca ctttcaggccccca cttttttttt ccccccaccc tttttttttt ccccccggcc
 70 80 90 100 110 120
 cttttttttt cttttttttt cttttttttt ccccccaccc tttttttttt gggggggggg
 130 140 150 160 170 180
 accatggggccca tttttttttt ccccccaccc tttttttttt tttttttttt tttttttttt
 190 200 210 220 230 240
 gttttttttt gttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 250 260 270 280 290 300
 aaccacatggccca tttttttttt ccccccaccc tttttttttt tttttttttt tttttttttt
 310 320 330 340 350 360
 gggggggggggccca tttttttttt ccccccaccc tttttttttt tttttttttt tttttttttt
 370 380 390 400 410 420
 gttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 430 440 450 460 470 480
 ccccccaccc tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 490 500 510 520 530 540
 ccccccaccc tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 550 560 570 580 590 600
 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 610 620 630 640 650 660
 atggggccca tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 670 680 690 700 710 720
 gttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 730 740 750 760 770 780
 aatttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 790 800 810 820 830 840
 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 850 860 870 880 890 900
 agggatggccca tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 910 920 930 940 950 960
 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 970 980 990 1000 1010 1020
 gggggggggggccca tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 1030 1040 1050 1060 1070 1080
 gttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 1090 1100 1110 1120 1130 1140
 ccccccaccc tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 1150 1160 1170 1180 1190 1200
 gttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt
 1210 1220 1230 1240 1250 1260

FIG. 2(II) 4/19

accccgggaaatccggccaaactcaacatcaacacaccccccaagccaaagcccccc
 1270 1280 1290 1300 1310 1320
 agcacatcaacccatccacaaatccggggaaatccggggatccatccggggccatccgggg
 1330 1340 1350 1360 1370 1380
 atccggggatccatccatcaatccggggaaatccaaacaatccatccatcaatccatccatca
 1390 1400 1410 1420 1430 1440
 ctacgttacaaatccatccatcaatccggggagaccatccaaatccatcaatccatccatca
 1450 1460 1470 1480 1490 1500
 cgcggcccaatccatccatcaatccatccatcaatccatccatcaatccatccatcaatccatca
 1510 1520 1530 1540 1550 1560
 tccaaatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 1570 1580 1590 1600 1610 1620
 atcaccacccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 1630 1640 1650 1660 1670 1680
 agcggcccaatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 1690 1700 1710 1720 1730 1740
 ggccttccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 1750 1760 1770 1780 1790 1800
 atgaccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 1810 1820 1830 1840 1850 1860
 ggcgttccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 1870 1880 1890 1900 1910 1920
 gaaatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 1930 1940 1950 1960 1970 1980
 gacccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 1990 2000 2010 2020 2030 2040
 caatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 2050 2060 2070 2080 2090 2100
 gacaaatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 2110 2120 2130 2140 2150 2160
 aacccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 2170 2180 2190 2200 2210 2220
 aagaaggatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 2230 2240 2250 2260 2270 2280
 cccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 2290 2300 2310 2320 2330 2340
 atccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 2350 2360 2370 2380 2390 2400
 ccacccaaatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 2410 2420 2430 2440 2450 2460
 acctccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 2470 2480 2490 2500 2510 2520
 tccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatccatcc
 2530 2540 2550 2560 2570 2580

FIG. 2(III) 5 / 19

c_gaaacccggcc a_ggttggaaat ccgagccgtt ctctacaatt accggccggaa ccaagagcc
 2590 2600 2610 2620 2630 2640
 aa_gttt_gatggcc t_ggaactact ccacaatccaa g_ctttcc_tccaa g_ctttggccac cacc_aagg
 2650 2660 2670 2680 2690 2700
 c_tccacccaa_c a_gaccataac catccccccaa_c a_gttccctctt_t t_tcccttcc_tcc atat_tcatc
 2710 2720 2730 2740 2750 2760
 g_tccccc_taa a_gacccttcc_t g_caa_gaa_t g_aactcaac_t ctgtt_tcc_taa ccaccatcc
 2770 2780 2790 2800 2810 2820
 atcaat_tgact_t t_tcc_tccggaa_t t_tccctt_taa_t g_tcc_tccggcc_t a_ggttcaatc_t aat_tcaacaaa
 2830 2840 2850 2860 2870 2880
 act_ttt_tcc_taa_t t_tcc_tccaccc_t g_gatcc_tccaa_t c_tcc_tccggcc_t t_tcc_tccggat_t g_caa_gaa_tg
 2890 2900 2910 2920 2930 2940
 g_aca_tcc_tcc_taa_t t_tcc_tccat_taa_t c_tcc_tccggaca_t c_cg_at_tcc_taa_t g_acc_tccaa_t
 2950 2960 2970 2980 2990 3000
 c_tcc_tccaa_t g_gcc_tccca_taa_t g_gcc_tccat_taa_t a_cca_tccggat_t c_cg_at_tcc_taa_t g_gcc_tccggcc_t
 3010 3020 3030 3040 3050 3060
 a_accac_tccaa_t t_tcc_tccat_taa_t g_gcc_tccaa_t a_cat_tccat_taa_t a_cat_tccat_taa_t c_tcc_tccat_taa_t
 3070 3080 3090 3100 3110 3120
 a_gcc_tccat_taa_t t_tcc_tccat_taa_t a_cg_gat_tcc_taa_t g_gcc_tccat_taa_t c_tcc_tccat_taa_t
 3130 3140 3150 3160 3170 3180
 a_acc_tccat_taa_t g_gcc_tccat_taa_t g_gcc_tccat_taa_t a_aggggat_taca_t c_cag_tcc_taa_t g_gcc_tccat_taa_t
 3190 3200 3210 3220 3230 3240
 caacccaa_taa_t t_tcc_tccat_taa_t g_gcc_tccat_taa_t aaac_tccggcc_taa_t c_cag_tcc_taa_t g_gcc_tccat_taa_t
 3250 3260 3270 3280 3290 3300
 t_tcc_tccat_taa_t a_gtttccat_taa_t a_gtttccat_taa_t a_gtttccat_taa_t a_gtttccat_taa_t c_cat_tccat_taa_t
 3310 3320 3330 3340 3350 3360
 t_tcc_tccat_taa_t t_taaat_tcc_taa_t g_gcc_tccat_taa_t a_gtttccat_taa_t a_gtttccat_taa_t c_tcc_tccat_taa_t
 3370 3380 3390 3400 3410 3420
 g_gcc_tccat_taa_t t_tat_tccat_taa_t a_gaaat_tcc_taa_t g_gtttggattac_t g_gcc_tccat_taa_t c_gag_tcc_taa_t
 3430 3440 3450 3460 3470 3480
 a_acc_tccat_taa_t g_gcc_tccat_taa_t t_tat_tccat_taa_t ct_tcc_tccat_taa_t c_tcc_tccat_taa_t t_tcc_tccat_taa_t
 3490 3500 3510 3520 3530 3540
 ca_tcc_tccat_taa_t g_gcc_tccat_taa_t ca_tcc_tccat_taa_t a_acc_tccat_taa_t a_acc_tccat_taa_t a_acc_tccat_taa_t a_acc_tccat_taa_t
 3550 3560 3570 3580 3590 3600
 a_acc_tccat_taa_t a_gat_tccat_taa_t c_cat_tccat_taa_t a_gat_tccat_taa_t a_gat_tccat_taa_t a_gat_tccat_taa_t
 3610 3620 3630 3640 3650 3660
 a_gcc_tccat_taa_t g_gcc_tccat_taa_t t_tac_tccat_taa_t ct_tcc_tccat_taa_t c_caa_tccat_taa_t g_gcc_tccat_taa_t
 3670 3680 3690 3700 3710 3720
 g_gcc_tccat_taa_t t_tac_tccat_taa_t g_gcc_tccat_taa_t ct_tcc_tccat_taa_t c_caa_tccat_taa_t g_gcc_tccat_taa_t
 3730 3740 3750 3760 3770 3780
 c_caa_tccat_taa_t a_acc_tccat_taa_t t_tat_tccat_taa_t c_cat_tccat_taa_t g_gcc_tccat_taa_t t_tcc_tccat_taa_t
 3790 3800 3810 3820 3830 3840
 t_tcc_tccat_taa_t g_gcc_tccat_taa_t c_cac_tccat_taa_t t_tcc_tccat_taa_t g_gcc_tccat_taa_t a_acc_tccat_taa_t
 3850 3860 3870 3880 3890 3900

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FIG. 2(IV)

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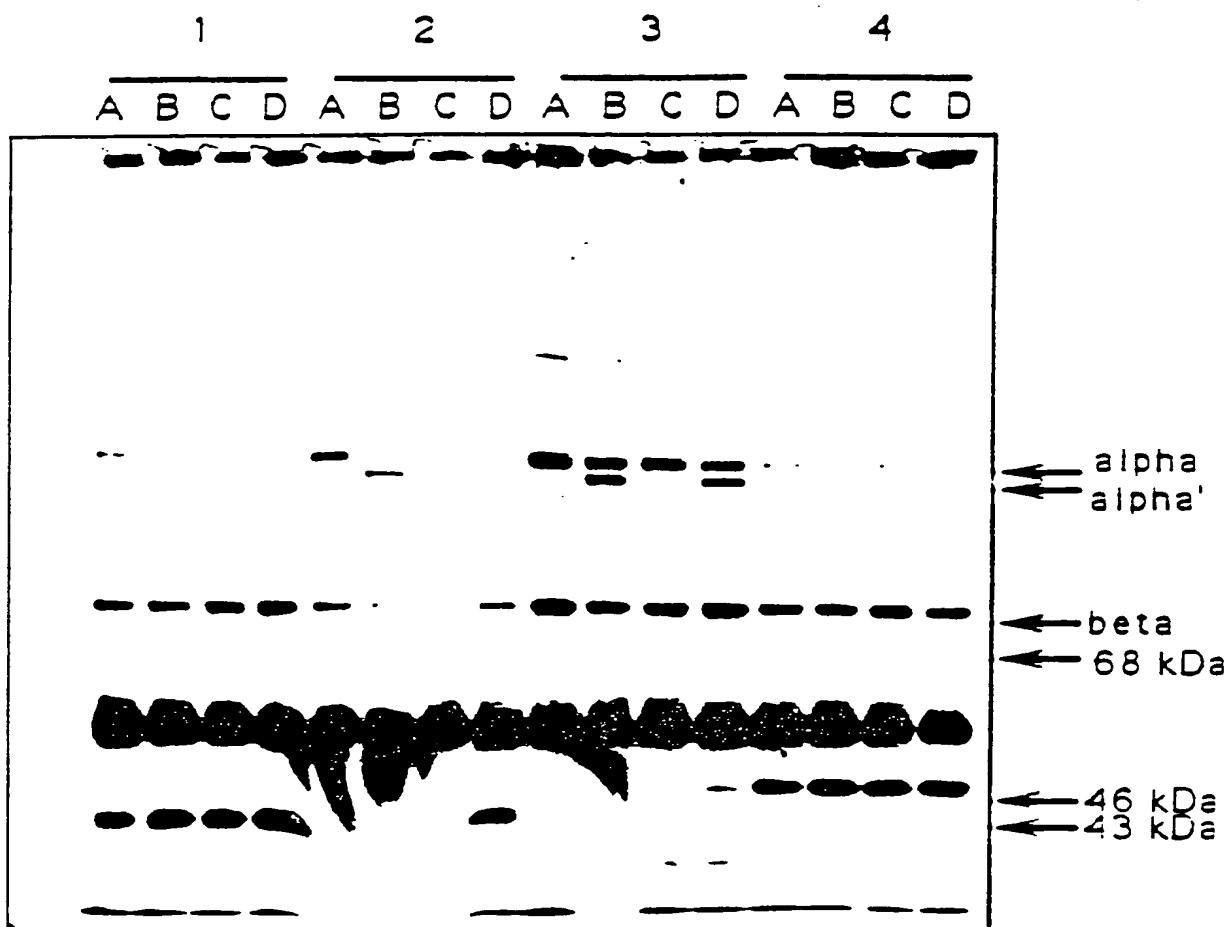


FIG. 3

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SITE 1: R Q Y G C W E R
SITE 2: Q Q Q Q Q Q Q R

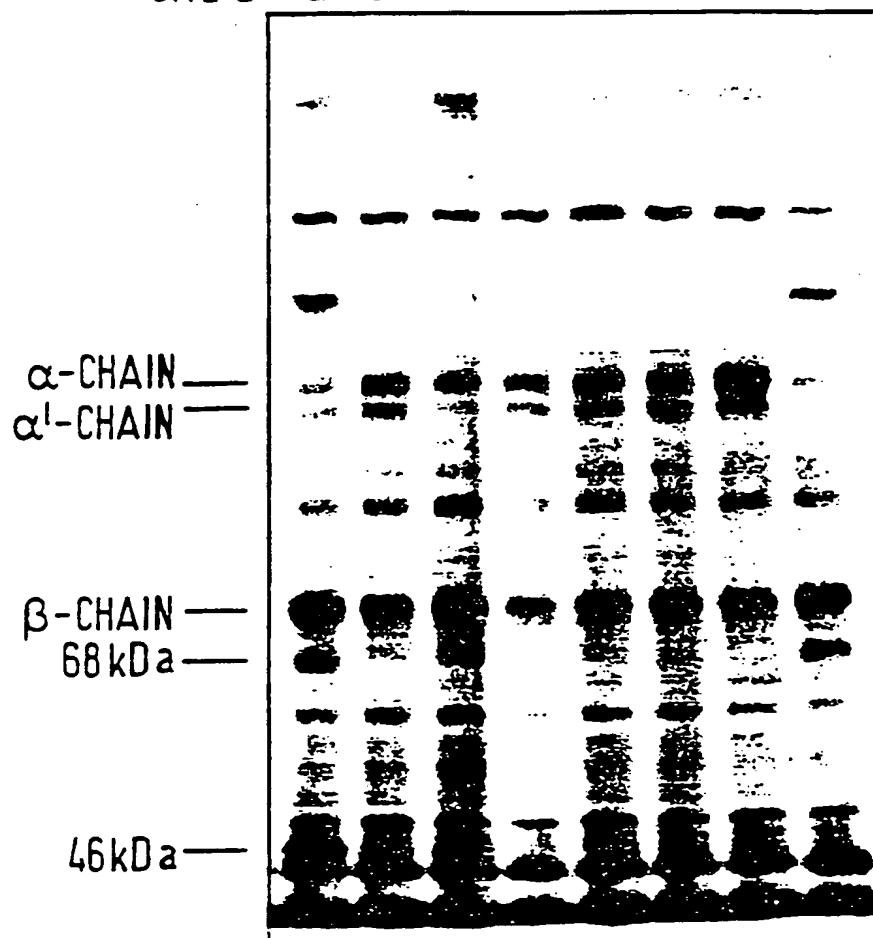
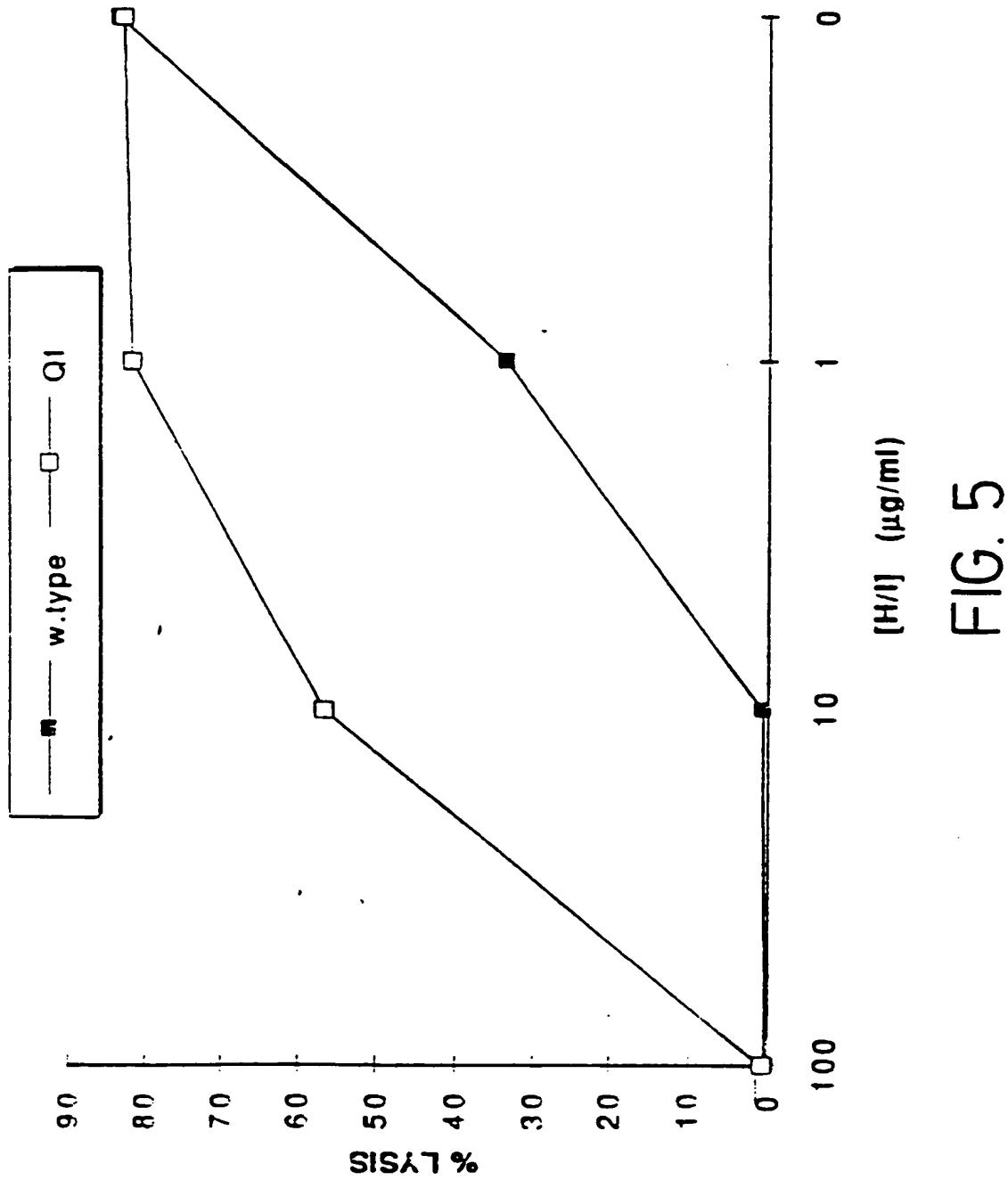


FIG. 4

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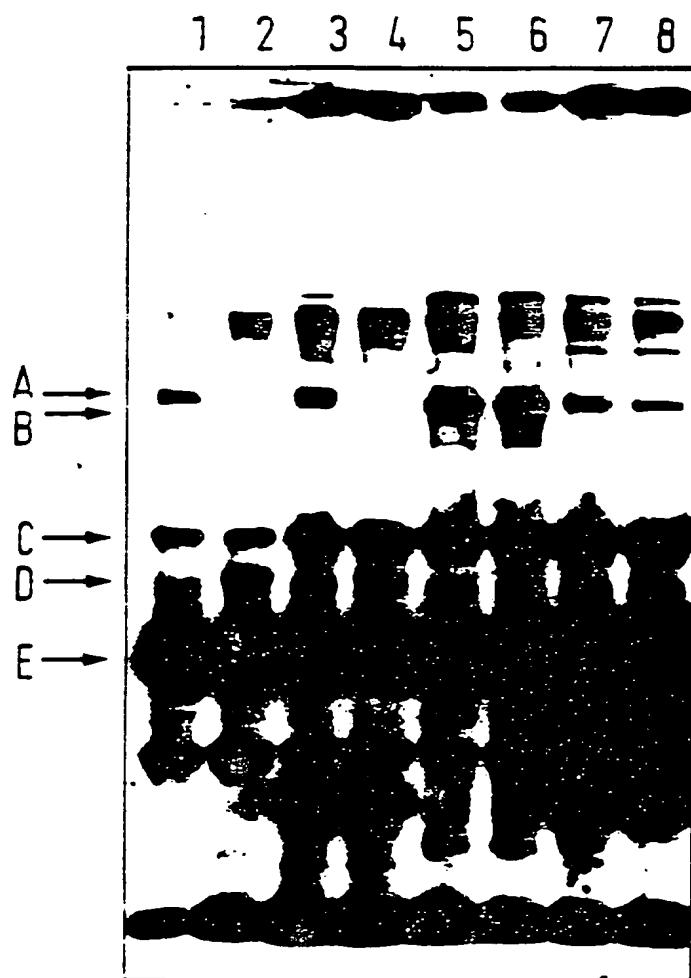


FIG. 6

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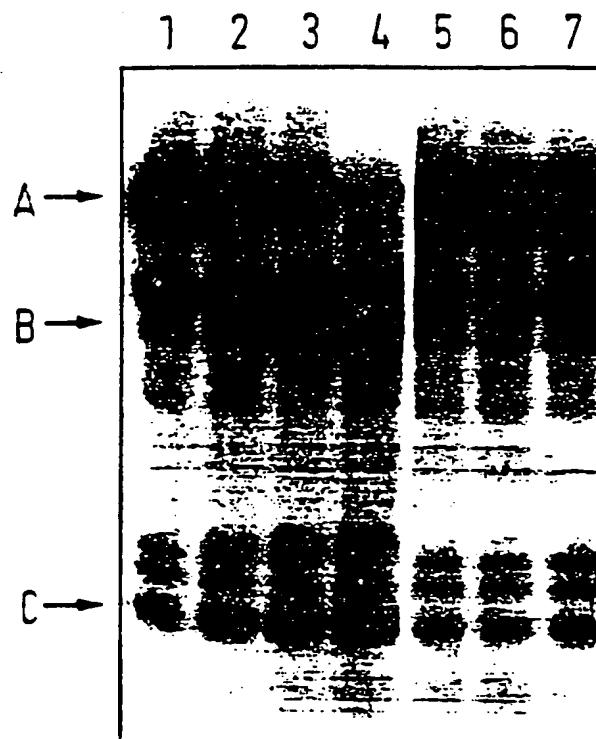


FIG. 7

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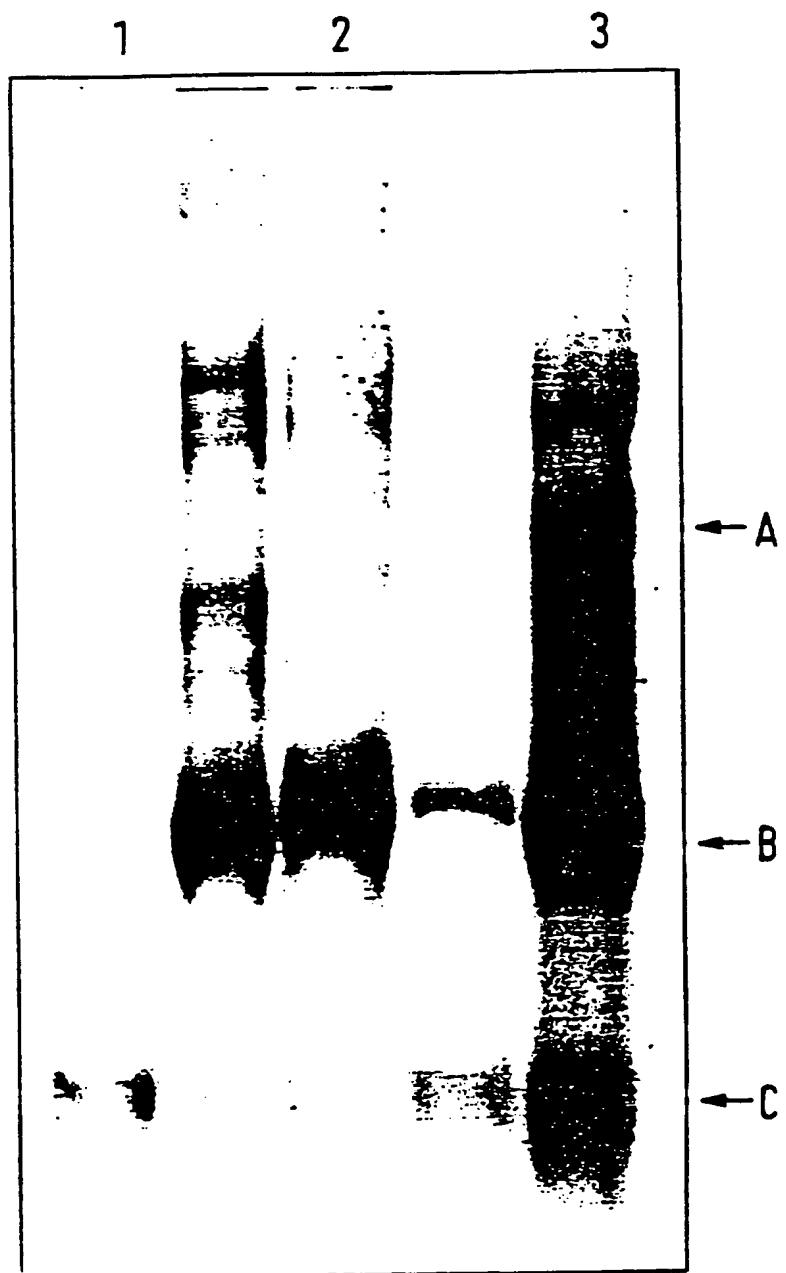


FIG. 8

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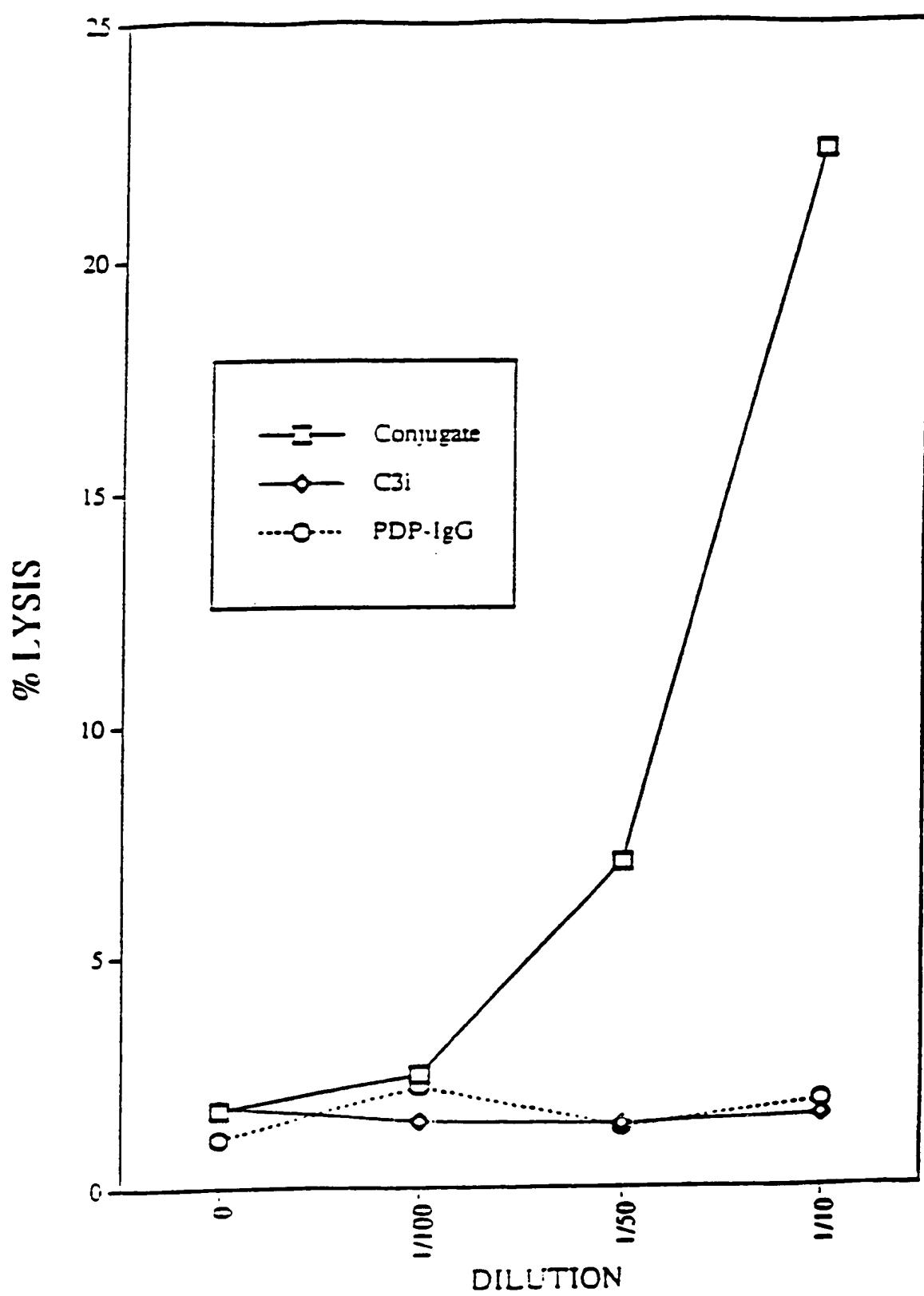


FIG. 9
SUBSTITUTE SHEET (RULE 26)

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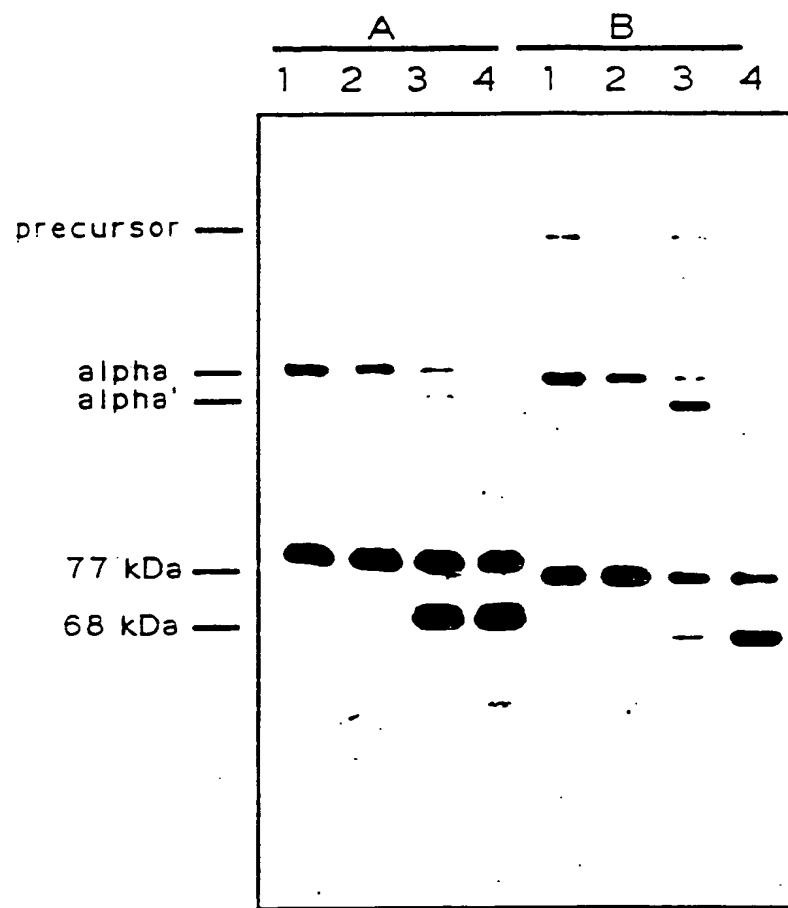


FIG. 10

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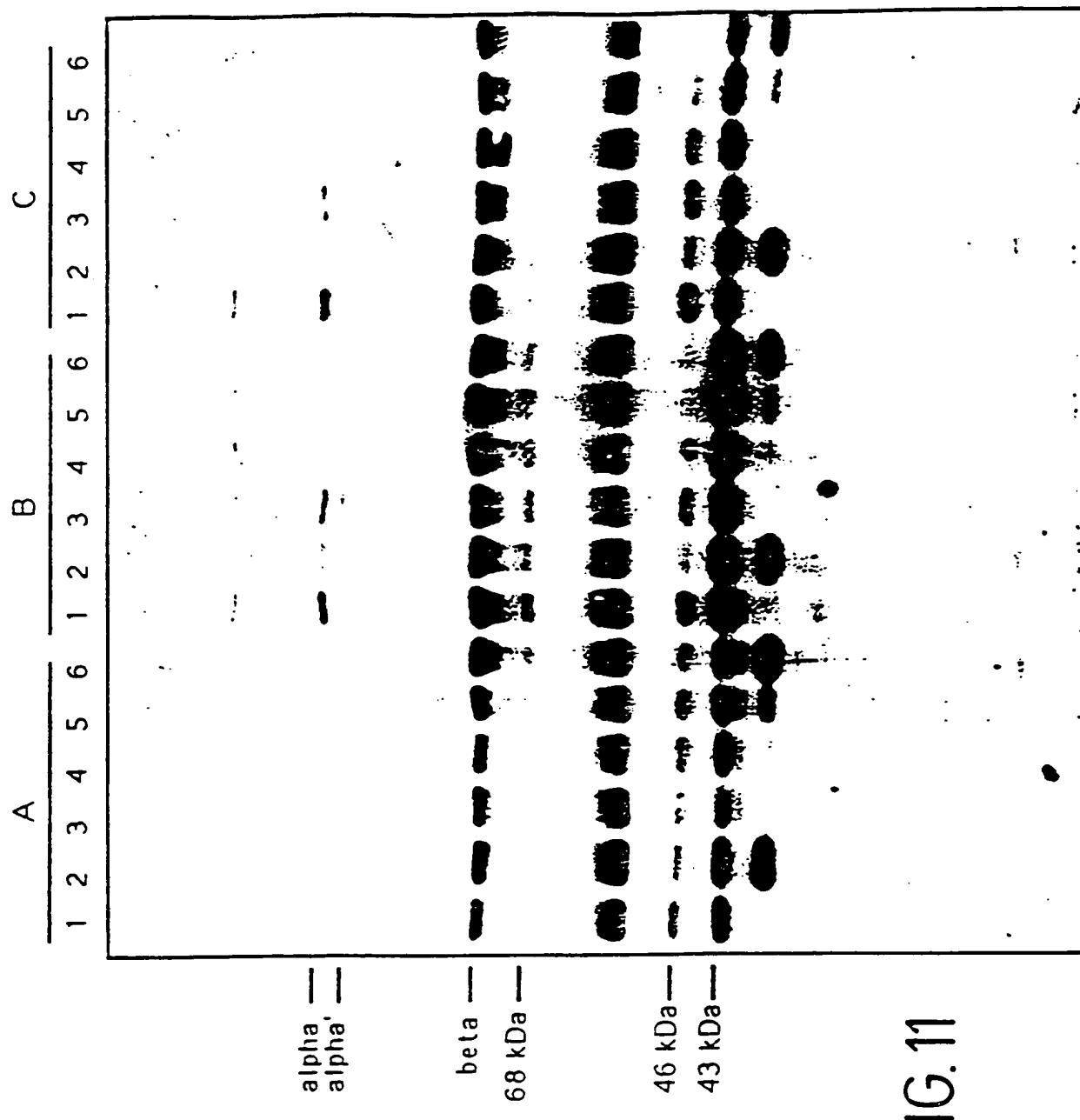


FIG. 11

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FIG. 12

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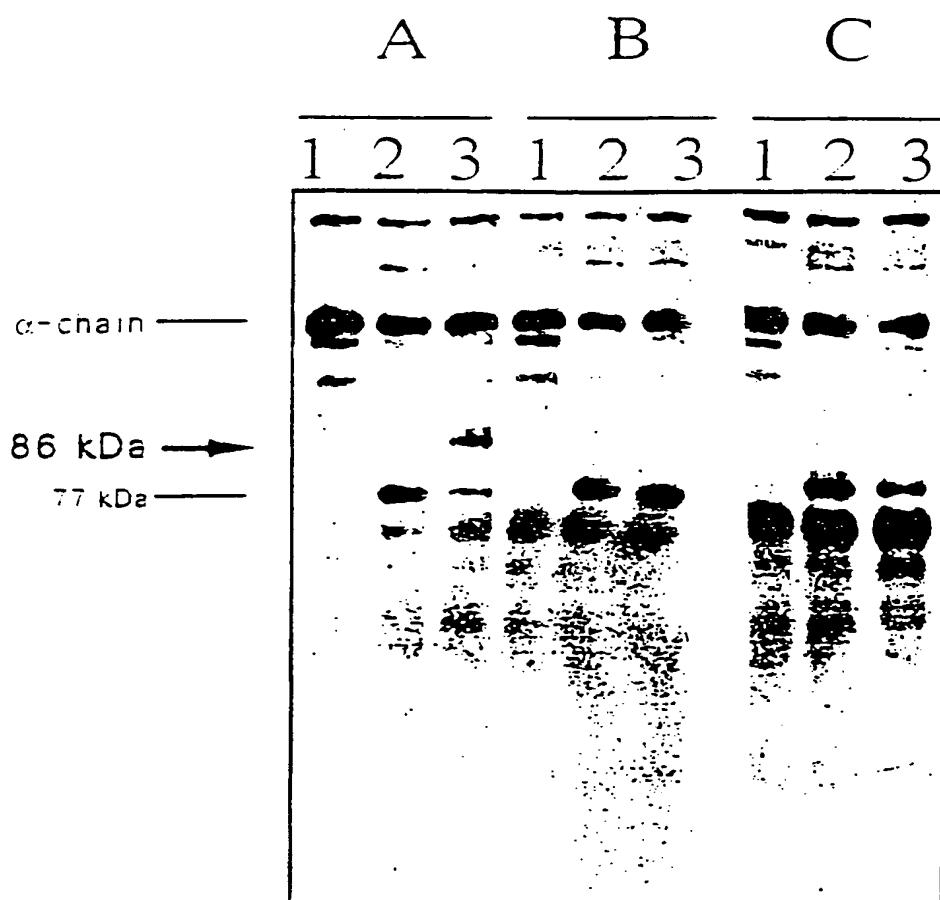


FIG. 13

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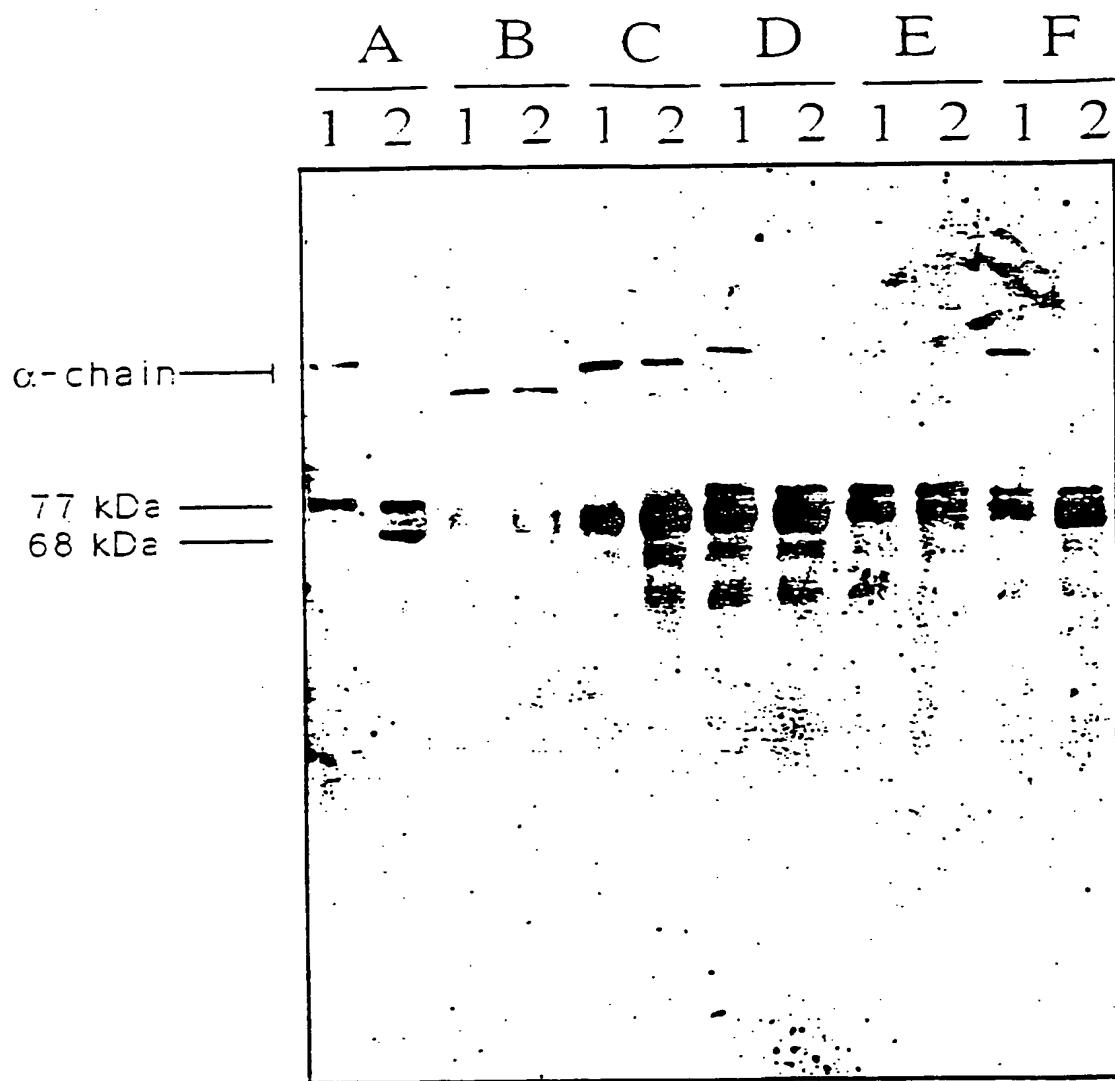


FIG. 14

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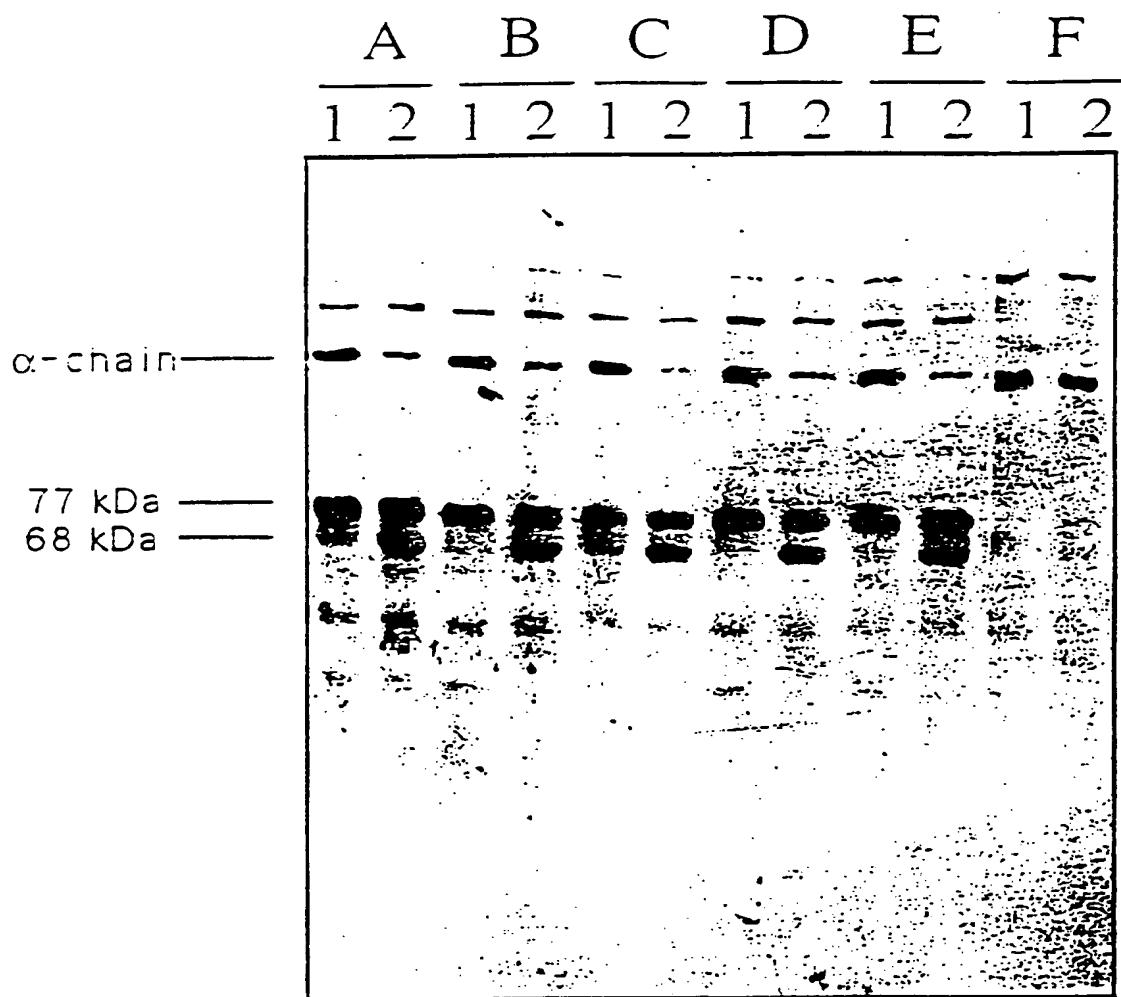


FIG. 15

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